

# Power Cost Memorandum Fuel Cost Update

Date: **December 1, 2022**

Utility Name (Cert. No.) <b>City of Chignik (297)</b>	Utility File No. <b>PC31-0918L</b>	Date Filed: <b>November 9, 2022</b>
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PCE AMOUNT SUMMARY	Previously Approved PC31-0918K	Staff Recommended Amount(s) and Effective Date PC31-0918L
Class Rate	<u>Date Approved:</u> July 16, 2022	December 2, 2022
All	\$ 0.0444	\$ 0.0241
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <span style="float: right;"><input type="checkbox"/> Interim    <input checked="" type="checkbox"/> Permanent</span>		

Prior Fuel Purchase Price: <u>\$0.2536</u>	New Fuel Purchase Price: <u>0.00</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.0010</u> Updated <u>0.0010</u>

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	-	X	0.2536	=	-
Delivered	<u>45,336</u>	X	0.00	=	-
	<u>45,336</u>				<u>0.00</u>
					Weighted Average <u>0.00</u>

Signed: *Brenda Cox*  
Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 12/1/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<u>JWW</u> for KKL JWW		
Doyle		<u>BD</u> BD		
Pickett		<u>BP</u> BP		
Sullivan		<u>DS</u> DS		
Wilson		<u>JWW</u> JWW		

*Special Instructions to Staff:*

\*If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order

**CITY OF CHIGNIK**

POWER COST EQUALIZATION CALCULATION  
FOR PERIOD ENDING JUNE 30, 2018  
**750 kWh Change**

	PC31-0918K	PC31-0918L	
	Prior Commission Approval	Utility Requested	Staff Recommended
A. Total kWh Generated	934,335	934,335	934,335
B. Total kWh Sold (Appendix 2)	642,607	642,607	642,607
C. Total Non-Fuel Costs (Appendix 2)	142,049	142,049	142,049
<b>D. Non-Fuel Cost/kWh (C / B)</b>	<b>\$0.2211</b>	<b>\$0.2211</b>	<b>\$0.2211</b>
E. Total Fuel Costs (Appendix 2)	13,728	0	0
F. Fuel Costs/kWh (E / B)	<b>\$0.0214</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
G. Eligible Costs/kWh (D + F)	\$0.2424	\$0.2211	\$0.2211
H. Eligible Cost/kWh (G) less base rate in effect	<b>\$0.0466</b>	<b>\$0.0253</b>	<b>\$0.0253</b>
I. Lesser of (H) or 80.42 cents/kWh	\$0.0466	\$0.0253	\$0.0253
J. Average Class Rates (Appendix 3)			
ALL	\$0.2202	\$0.2202	\$0.2202
K. Lesser of: (I) x 95% or (J)	\$0.0444	\$0.0241	\$0.0241
ALL	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>L. Funding Level in Effect</b>			
<b>ALL</b>	<b>\$0.0444</b>	<b>\$0.0241</b>	<b>\$0.0241</b>

**PC31-0918L**  
**Appendix 1**

# CITY OF CHIGNIK

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY  
FOR PERIOD ENDING JUNE 30, 2018  
750 kWh Change

				PC31-0918K	PC31-0918L	
				Prior Commission Approval	Per Utility	Per Staff
<b>Non-Fuel Costs:</b>						
A. Personnel Costs				60,040	60,040	60,040
B. Operating Expense				36,339	36,339	36,339
C. General & Administrative				23,092	23,092	23,092
D. Depreciation & Amortization				20,662	20,662	20,662
E. Interest Expense (Income)				1,916	1,916	1,916
F. Other (Describe) Misc. Income				0	0	0
<b>G. Total Non-Fuel Costs</b>				<b>\$142,049</b>	<b>\$142,049</b>	<b>\$142,049</b>
<b>Fuel Costs:</b>						
H. Gallons Consumed for Electric Generation				54,141	54,141	54,141
I. Price of Fuel:(per gal) Weighted Average				\$0.2536	\$0.0000	\$0.0000
<b>J. Total Cost of Fuel</b>				<b>\$13,728</b>	<b>\$0</b>	<b>\$0</b>
K. kWh Generated				758,389	758,389	758,389
L. kWh Sales				642,607	642,607	642,607
M. kWh Station Service				24,738	24,738	24,738
N. Efficiency (K/H)	≥	Eff. Std. 11.5		14.01	14.01	14.01
O. Line Loss	≤	12%		12.00%	12.00%	12.00%

(kWh Generated - (kWh Sold + Station Service))/kWh Generated

## Average price of fuel:

	Gallons	X	Price	=	Cost	
On Hand		0	\$0.2536	=	\$0	Weighted
Delivered	45,336		\$0.0000	=	\$0	Average
<b>TOTAL</b>	<b>45,336</b>			<b>=</b>	<b>\$0</b>	<b>\$0.0000</b>

PC31-0918L  
Appendix 2

# CITY OF CHIGNIK

## CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **Single Rate**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.4150	0.0010	0.4160	312.0000		
751 to						
to						
to						
<b>Max</b> <b>750</b>			<b>Total</b>	<b>312.0000</b>	<b>0.4160</b>	<b>0.2202</b>

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
<b>Max</b> <b>750</b>			<b>Total</b>			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
<b>Max</b> <b>500</b>			<b>Total</b>			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
<b>Max</b> <b>500</b>			<b>Total</b>			

# CITY OF CHIGNIK

	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		-			
Last Approved Fuel Cost/Gal.			\$ 0.2536		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->				\$	-
Reporting Period Purchases					
*	1/24/2022	5,590.0	\$0.00		\$0.00
*	2/24/2022	4,543.0	\$0.00		\$0.00
*	3/24/2022	3,777.0	\$0.00		\$0.00
*	4/24/2022	3,772.0	\$0.00		\$0.00
*	5/24/2022	4,948.0	\$0.00		\$0.00
*	6/24/2022	6,028.0	\$0.00		\$0.00
*	7/24/2022	6,041.0	\$0.00		\$0.00
*	8/24/2022	6,189	\$0.00		\$0.00
*	9/24/2022	4,448	\$0.00		\$0.00
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		45,336			-
Grand Totals		45,336		\$	-

Grand Total Cost divided by Grand Total Gallons = 0.0000 Grand Total Weighted Avg. Cost per gallon  
 Total Purchases divided by Total Gallons Purchased 0.0000 Total Purchases Weighted Avg. Cost per gallon

\*Staff notes Chignik Bay Tribal Council purchased fuel for the City of Chignik .

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